

Form PTO-449 (Rev. 8-83) (modified) OIPE JC59 DEC 15 2003 PATENT & TRADEMARK OFFICE	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>06331USA</b> (MHM 14116US01)	SERIAL NO. <b>10/66/267</b>
	<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)			
	APPLICANT(s): Hertzler et al.		FILING DATE 9-12-03	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TLM		255,338	03/1882	Salomon			
		788,352	04/1905	Crawford			
		1,042,745	10/1912	Zahn			
		1,731,519	10/1929	Bastian			
		1,837,233	12/1931	Rumpff			
		1,916,635	07/1933	Pepper			
		2,057,150	10/1936	Kehl et al.	50	23	
		2,091,051	08/1937	Mesinger	50	23	
		2,105,864	01/1938	Saunders	251	31	
		2,237,052	04/1941	Gill	62	1	
		2,322,468	06/1943	Redrup	50	35	
		2,357,777	09/1944	White	62	1	
		2,499,527	03/1950	Raymond	137	53	
		2,502,588	04/1950	Preston et al.	62	1	
		2,509,078	05/1950	Stover	73	205	
		2,517,534	08/1950	Courtot	50	23	
		2,608,971	09/1952	Holmes	128	142	
		2,623,331	12/1952	Greening	50	14	
		2,645,884	07/1953	Kellie	50	10	
		2,654,976	10/1953	Jørgensen	50	21	
		2,666,297	01/1954	Skousgaard	251	123	
		2,675,793	04/1954	Ziege	123	121	
		2,693,823	11/1954	Sogge	137	614.21	
		2,750,071	06/1956	Ritchie	222	3	
		2,765,983	10/1956	Mayo	236	34	
		2,854,991	10/1958	Webster	137	322	
		2,861,587	11/1958	Hursen	137	494	
		2,918,930	12/1959	Jansen	137	81	
		2,925,987	02/1960	Priesmeyer	251	61	
		3,083,721	04/1963	Matthews et al.	137	63	
		3,095,890	07/1963	Cousteau et al.	137	63	
		3,137,308	06/1964	Machlanski et al.	137	63	
		3,212,525	10/1965	Henderson	137	625.4	

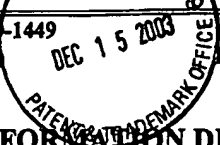
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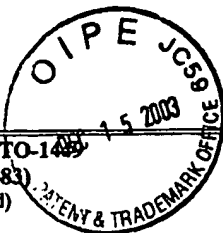
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		PATENT AND TRADEMARK OFFICE		06331USA	10/661267
				(MHM 14116US01)	
		INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			
		APPLICANT(s):		Hertzler et al.	
		FILING DATE		GROUP ART UNIT:	
		9-12-03		3751	

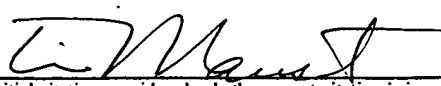
U.S. PATENT DOCUMENTS							
7/21/01		3,214,134	10/1965	Noakes	251	282	
		3,245,583	04/1966	Miller et al.	222	52	
		3,276,470	10/1966	Griffing	137	505.15	
		3,319,649	05/1967	Cummins	137	505.18	
		3,566,913	03/1971	Parthe, Jr.	137	493	
		3,650,290	03/1972	Moen et al.	137	339	
		3,709,242	01/1973	Chase	137	81	
		3,720,222	03/1973	Andrews et al.	137	154	
		3,746,036	07/1973	Du Bois et al.	137	496	
		3,756,271	09/1973	Grogono et al.	137	494	
		3,766,933	10/1973	Nicholson, Jr.	137	116.3	
		3,776,267	12/1973	Alley	137	494	
		3,787,023	01/1974	Shufflebarger et al.	251	335 B	
		3,797,803	03/1974	Goto et al.	251	61.5	
		3,811,467	05/1974	Jones	137	494	
		3,827,246	08/1974	Moen et al.	62	50	
		3,845,876	11/1974	Needham et al.	220	203	
		3,939,872	02/1976	Wentworth, Jr.	138	31	
		3,955,794	05/1976	Hankosky	251	123	
		3,982,559	09/1976	Ochs	137	455	
		4,004,608	01/1977	Kish	137	510	
		4,040,445	08/1977	McCormick	137	596.18	
		4,044,737	08/1977	Nishimura	123	119	
		4,044,739	08/1977	Miura et al.	123	119A	
		4,061,483	12/1977	Burg	62	268	
		4,070,001	01/1978	Musgrove	251	46	
		4,108,197	08/1978	Brakebill	137	81	
		4,120,480	10/1978	Ando et al.	251	61.5	
		4,128,391	12/1978	Braunstein	431	354	
		4,166,607	09/1979	Webb	251	335 B	
		4,167,198	09/1979	Kotzya et al.	137	528	
		4,198,854	04/1980	Washington et al.	73	38	
		4,201,366	05/1980	Danko et al.	251	335 B	
		4,211,387	07/1980	Getchell et al.	251	335 B	

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<i>E. V. Hunt</i>	9/15/03
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT(s): Hertzler et al.	
		FILING DATE 9-12-03	GROUP ART UNIT: 3751

U.S. PATENT DOCUMENTS							
TM		4,228,777	10/1980	Haase	123	454	
		4,232,695	11/1980	Roberge	137	1	
		4,237,920	12/1980	Norman	137	243.3	
		4,287,909	09/1981	Tompson	137	312	
		4,335,742	06/1982	Jacyno	137	494	
		4,348,005	09/1982	Eaton et al.	251	268	
		4,349,136	09/1982	Fallon et al.	222	396	
		4,376,376	03/1983	Gregory	62	51	
		4,431,117	02/1984	Genbauffe et al.	222	3	
		4,434,778	02/1984	Morita et al.	123	587	
		4,484,695	11/1984	Fallon et al.	222	23	
		4,487,334	12/1984	Werdning	222	55	
		4,497,339	02/1985	Gruner et al.	137	495	
		4,508,132	04/1985	Mayfield, Jr. et al.	137	62	
		4,520,838	06/1985	Fisher et al.	137	69	
		4,526,341	07/1985	Thomas	251	63.5	
		4,537,385	08/1985	Bragg et al.	251	214	
		4,556,193	12/1985	Yoshiga	251	129.11	
		4,583,372	04/1986	Egan et al.	62	53	
		4,606,195	08/1986	Winkler	62	45	
		4,634,099	01/1987	Danko et al.	251	335.3	
		4,640,221	02/1987	Barbee et al.	118	689	
		4,659,061	04/1987	Scheffel	251	332	
		4,687,017	08/1987	Danko et al.	137	315	
		4,702,277	10/1987	Ollivier	137	613	
		4,706,929	11/1987	Kalaskie et al.	251	14	
		4,709,575	12/1987	Myers	73	23	
		4,723,967	02/1988	Tom	55	36	
		4,738,693	04/1988	Tom	55	36	
		4,754,897	07/1988	Brace	222	402	
		4,756,310	07/1988	Bitterly	128	400	
		4,763,690	08/1988	Martin	137	613	
		4,815,699	03/1989	Mueller	251	129.11	
	TM	4,821,907	04/1989	Castles et al.	220	5	

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		APPLICANT(s): Hertzler et al.	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		FILING DATE	GROUP ART UNIT:
		9-12-03	3751

U.S. PATENT DOCUMENTS							
TUM		4,828,219	05/1989	Ohmi et al.	251	118	
		4,844,111	07/1989	Pritchard et al.	137	71	
		4,846,440	07/1989	Carlson et al.	251	129.17	
		4,905,723	03/1990	Pritchard et al.	137	71	
		4,909,269	03/1990	Pritchard et al.	137	71	
		4,917,136	04/1990	Ohmi et al.	137	15	
		5,056,759	10/1991	Schlesch	251	330	
		5,071,453	12/1991	Hradek et al.	55	21	
		5,086,801	02/1992	Peacock et al.	137	12	
		5,117,797	06/1992	Telep et al.	123	520	
		5,131,627	07/1992	Kolenc	251	331	
		5,156,827	10/1992	Tom et al.	423	299	
		5,165,655	11/1992	Drexel et al.	251	129.02	
		5,209,253	05/1993	Taylor	137	67	
		5,217,043	06/1993	Novakovi	137	460	
		5,238,016	08/1993	Eidsmore	137	1	
		5,238,024	08/1993	Taylor	137	613	
		5,255,525	10/1993	Wieland et al.	62	46.1	
		5,263,477	11/1993	Crome	128	205.24	
		5,271,232	12/1993	Ogawa et al.	62	50.1	
		5,297,578	03/1994	Scott et al.	13	510	
		5,305,791	04/1994	Kowalchuk	137	613	
		5,329,966	07/1994	Fenimore et al.	137	613	
		5,337,790	08/1994	Heritier-Best et al.	251	129.21	
		5,341,968	08/1994	Vandonick	222	396	
		5,357,758	10/1994	Andonian	62	45.1	
		5,390,697	02/1995	Muschelknautz	137	494	
		5,392,815	02/1995	Stuart	138	37	
		5,398,725	03/1995	Nakazawa et al.	137	636.1	
		5,421,366	06/1995	Naffziger et al.	137	614.2	
		5,438,837	08/1995	Caldwell et al.	62	50.1	
		5,442,927	08/1995	Germain	62	50.2	
		5,443,090	08/1995	Ligh	137	489	
TUM		5,452,738	09/1995	Borland et al.	137	265	

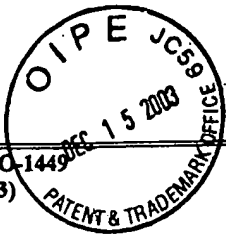
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L. Maust

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Hertzler et al.

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3751

## U.S. PATENT DOCUMENTS

TM	5,456,281	10/1995	Teay	137	505.12	
	5,544,785	08/1996	Frigiere	222	3	
	5,553,635	09/1996	Gregoire	137	1	
	5,597,009	01/1997	Scherrer et al.	137	375	
	5,601,107	02/1997	Moore et al.	137	15	
	5,634,627	06/1997	Daido et al.	251	335.3	
	5,651,528	07/1997	Frei et al.	251	54	
	5,673,897	10/1997	Crochet et al.	251	63.6	
	5,678,803	10/1997	Shinohara et al.	251	368	
	5,740,833	04/1998	Olds et al.	137	505.12	
	5,749,227	05/1998	Smith et al.	60	657	
	5,755,254	05/1998	Carter et al.	137	340	
	5,755,255	05/1998	Iwabuchi	137	341	
	5,755,364	05/1998	LeCoffre et al.	222	564	
	5,761,910	06/1998	Tom	62	46.1	
	5,819,782	10/1998	Itafuji	137	240	
	5,820,102	10/1998	Borland	251	144	
	5,836,351	11/1998	Underwood, III	137	587	
	5,845,675	12/1998	Ligh	137	489	
	5,890,876	04/1999	Suito et al.	417	213	
	5,895,376	04/1999	Schwartz et al.	604	256	
	5,909,747	06/1999	Scheiber	137	492	
	5,913,505	06/1999	Ouvrard	251	303	
	5,915,410	06/1999	Zajac	137	2341	
	5,916,245	06/1999	Tom	62	46.1	
	5,935,305	08/1999	Tom et al.	96	143	
	5,941,506	08/1999	Smith et al.	251	335.3	
	5,964,446	10/1999	Walton et al.	251	127	
	5,996,617	12/1999	Olds et al.	137	505.46	
	6,000,419	12/1999	Bernhard	137	15	
	6,003,535	12/1999	Ollivier	137	15	
	6,007,609	12/1999	Semerdjian et al.	96	108	
	6,101,816	08/2000	Wang et al.	62	48.1	
TM	6,186,177	02/2001	Maher	137	884	

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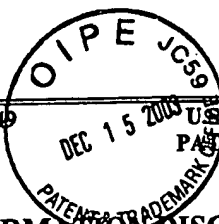
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(Rev. 8-83)  
(modified)



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APPLICANT(s):

Hertzler et al.

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3751

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TM		6,210,482	04/2001	Kitayama et al.	118	715	
TM		6,216,739	04/2001	Fukushima et al.	137	884	
TM		6,314,986 B1	11/2001	Zheng et al.	137	240	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLA SS	SUBCLASS	TRANSLATION	
						YES	NO
TM	743011	01/1956	Great Britain				
	1215303	12/1970	Great Britain				
	1430213	03/1976	Great Britain				
	250347	09/1986	Czechoslovakia				
	0 512 553	11/1992	Europe				
	WO 00/79159	06/2000	PCT				
TM	WO 00/67089	11/2000	PCT				
TM	57-207913	12/1982	Japan			X (abstract)	
TM	61-266884	11/1986	Japan			X (abstract)	
TM	2 045 414	10/1980	Great Britain				
TM	WO 94/17334	08/1994	PCT			X (abstract)	
TM	0 470 009	02/1995	Europe			X (abstract)	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TM	George et al., "Minimizing System contamination potential from gas handling", <i>Semiconductor International</i> , pp. 98-104, July, 1993
	Fine et al., "Design and Operation of UHP Low Vapor Pressure and Reactive Gas Delivery Systems", <i>Semiconductor International</i> , pp. 138-143, October, 1995
	Pierce et al., "Safe Usage of C1F3: Supply, vacuum service, and exhaust gas management", <i>Solid State Technology</i> , Vol. 40, Issue 9, September, 1997
	Olander et al., "Reducing the HPM Risk: Pressure-actuated Gas Delivery", <i>Semiconductor Fabtech</i> , 12 <sup>th</sup> Edition.
	Olander, "Gas Packaging: A Roadmap To Reduced Risk And Higher Productivity", <i>SESHA Journal</i> , Volume 15#3/4 pp. 9-15.
TM	SEMI <sup>TM</sup> , "SEMI S5-93 SAFETY GUIDELINE FOR FLOW LIMITING DEVICES", SEMI 1993.

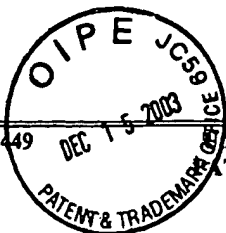
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*L. M. Aust*

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		9-12-03	3757

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
TM	SEMI™, "SEMI S5-0703 SAFETY GUIDELINE FOR SIZING AND IDENTIFYING FLOW LIMITING DEVICES FOR GAS CYLINDER VALVES", SEMI 1993, 2003.

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